

PATENT CLAIMS

1. A vehicle antenna (1) for mounting on a vehicle surface (4) and having a metallic base body (2) and a plastic antenna housing (3) that contains antenna elements mounted on the base body (2), characterized in that the base body (2) has at least one plastic part (2.2), the antenna housing (3) being permanently joined to the part (2.2) after the antenna elements are installed.

2. The antenna (1) according to claim 1, characterized in that the antenna housing (3) is snugly fitted with the part (2.2) where it is joined thereto.

3. The antenna (1) according to claim 1 or claim 2, characterized in that the part (2.2) extends peripherally around the metal part (2.1) of the base body (2).

4. The antenna (1) according to claim 3, characterized in that the part (2.2) is formed of plastic sprayed on the part (2.1).

5. The antenna (1) according to one of the preceding claims, characterized in that the joint is a glue joint.

6. The antenna (1) according to one of the preceding claims, characterized in that the joint is created by ultrasonic welding.

5 7. The antenna (1) according to one of the preceding claims, characterized in that a seal (8) is provided between the base body (2) and the vehicle surface (4).